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ABSTRACT OF THE DISCLOSURE

A method and an apparatus for transmitting data in a
10 linear-type or ring-type network structured by a plurality of nodes and both-way transmission lines each connecting between adjacent nodes includes that each node operates as a left TE, a right TE, or an IE. The left and right TEs prepare token packets each including a transmission right and packet trailers each including data packet storage area. The left TE transmits the packet trailers on a right direction line of the both-way transmission line.

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